# 10/5-22,356

#### => D HIS

(FILE 'HOME' ENTERED AT 16:57:12 ON 03 DEC 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 16:57:28 ON 03 DEC 2007

- L1 241996 S TRANSGEN? (5A) (ANIMAL OR MAMMAL OR RAT OR MOUSE OR MICE)
- L2 1014 S (DNA OR GENE OR POLYNUCLEOTIDE OR NUCLEIC (W) ACID OR VECTOR OR
- L3 376 S L1 AND L2
- L4 331 S L1(P)L2
- L5 147 S L1(10A)L2
- L6 61 DUP REM L5 (86 DUPLICATES REMOVED)
- L7 295800 S EPITOPE
- L8 8 S L4 AND L7
- L9 2 DUP REM L8 (6 DUPLICATES REMOVED)
- L10 37 S EQKLISEEDL
- L11 0 S L3 AND L10

#### => D AU TI SO 1-2 L9

- L9 ANSWER 1 OF 2 MEDLINE on STN
- DUPLICATE 1
- AU Sola I; Castilla J; Pintado B; Sanchez-Morgado J M; Whitelaw C B; Clark A J; Enjuanes L
- TI Transgenic mice secreting coronavirus neutralizing antibodies into the milk.
- SO Journal of virology, (1998 May) Vol. 72, No. 5, pp. 3762-72. Journal code: 0113724. ISSN: 0022-538X.
- L9 ANSWER 2 OF 2 MEDLINE on STN

- DUPLICATE 2
- AU Castilla J; Sola I; Pintado B; Sanchez-Morgado J M; Enjuanes L
- TI Lactogenic immunity in transgenic mice producing recombinant antibodies neutralizing coronavirus.
- SO Advances in experimental medicine and biology, (1998) Vol. 440, pp. 675-86.
  - Journal code: 0121103. ISSN: 0065-2598.

### => D AU TI SO PI 15-55 16

- L6 ANSWER 15 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Colman, Alan; Garner, Ian; Dalrymple, Michael Alexander
- TI Heterologous expression of proteins by rescued vector comprising an intron
- SO PCT Int. Appl., 58 pp.

	COL	DEN:	PIXX	D2		_												
	PAT	CENT :	NO.			KIN	D 1	DATE		7	APPL.	ICAT:	I NOI	NO.		D	ATE	
							-	- <b></b> -			•							- <b></b>
PI	WO 9903981				A1 19990128			WO 1998-GB2130						19980717				
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			NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TR,	TT,
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			CM,	GA,	GN,	GW,	ML,	MR,	NE,	SN,	TD,	TG						
	AU	9884	502			Α		1999	0210	2	AU 1	998-	8450	2		1	9980	717
	EР	9967	15			A1		2000	0503		EP 1	998-	9351	43		1	9980.	717
		R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
			IE,	FI														

- L6 ANSWER 16 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Chen, Yongfu; Chen, Dong; An, Xiaorong
- TI Plasmid vector pBCD for efficient mammary gland-specific gene expression in transgenic animals

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 24 pp.

CODEN: CNXXEV PATENT NO. APPLICATION NO. KIND DATE ----CN 1208771 CN 1997-116676 Α 19990224 19970815 PΤ CN 1058994 В 20001129

- L6 ANSWER 17 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- Chen, Yongfu; Guo, Zhiqin; Chen, Dong; Yang, Guoqing; Qi, Shunzhang; Dai, TN Yunping
- Preparation of human growth hormone by expressing it in mammary glands of ΤI transgenic animals
- Faming Zhuanli Shenqing Gongkai Shuomingshu, 20 pp. SO CODEN: CNXXEV

PATENT NO. APPLICATION NO. KIND DATE DATE \_\_\_\_\_\_ --------------CN 1997-116678 CN 1208730 Α 19990224 19970815 PΙ CN 1058972 В 20001129

- ANSWER 18 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN L6
- Lu, Yifan; Deng, Jixian; Cheng, Xuan; Huang, Peitang ΑU
- Tissue-type plasminogen activator mutant La-tRA expression in mammary ΤI gland of transgenic mice
- Zhongguo Shengwu Huaxue Yu Fenzi Shengwu Xuebao (1999), 15(3), 475-478 SO CODEN: ZSHXF2; ISSN: 1007-7626
- ANSWER 19 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN L6
- Gutierrez-Adan, Alfonso; Maga, Elizabeth A.; Behboodi, Esmail; ΑU Conrad-Brink, Janice S.; Mackinlay, Anthony G.; Anderson, Gary B.; Murray, James D.
- ΤI Expression of bovine  $\beta$ -lactoglobulin in the milk of transgenic mice
- Journal of Dairy Research (1999), 66(2), 289-294 CODEN: JDRSAN; ISSN: 0022-0299
- ANSWER 20 OF 61 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on L6 DUPLICATE 9 STN
- ΑU McClenaghan M; Hitchin E; Stevenson E M; Clark A J; Holt C; Leaver J (Reprint)
- Insertion of a casein kinase recognition sequence induces phosphorylation ΤI of ovine beta-lactoglobulin in transgenic mice
- PROTEIN ENGINEERING, (MAR 1999) Vol. 12, No. 3, pp. 259-264. SO ISSN: 0269-2139.
- L6
- ΑU
- ANSWER 21 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN Lu, Yifan; Deng, Jixian; Cheng, Xuan; Zhou, Jiang; Huang, Peitang Construction of .beta.-lactoglobulin-tissue ΤI plasminogen activator (La-tPA) vector and its expression in mammary gland of transgenic mice
- SO Shengwu Gongcheng Xuebao (1999), 15(2), 166-170 CODEN: SGXUED; ISSN: 1000-3061
- L6
- ANSWER 22 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN Lu, Yifan; Deng, Jixian; Cheng, Xuan; Huang, Peitang AU
- TI Construction of a universal mammary gland expression vector for transgenic animal
- Zhongguo Shouyi Xuebao (1999), 19(2), 133-135 SO CODEN: ZSXUF5; ISSN: 1005-4545
- L6 ANSWER 23 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- Pan, Ling; Xu, Chong; Li, Guangsan; Du, Miao; Lao, Weide; Chen, Changqing ΑU
- Human erythropoietin expressed in milk of transgenic mice TI
- SO Shengwu Gongcheng Xuebao (1999), 15(1), 28-34 CODEN: SGXUED; ISSN: 1000-3061

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L6
    ANSWER 24 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
IN
    Clark, Anthony John
TI
    cloning and expression in transgenic sheep and mice of human
    \alpha-1-antitrypsin transgene
    PCT Int. Appl., 47 pp.
SO
    CODEN: PIXXD2
    PATENT NO.
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                               DATE
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                               _____
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                        A1 19980423 WO 1997-GB2830 19971014
    WO 9816634
PΙ
        W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
            DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR,
            KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ,
            PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,
            US, UZ, VN, YU, ZW
        RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
            GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
            GN, ML, MR, NE, SN, TD, TG
    AU 9747109
                               19980511 AU 1997-47109
                        Α
                                                                 19971014
L6
    ANSWER 25 OF 61
                        MEDLINE on STN
                                                      DUPLICATE 10
    Sola I; Castilla J; Pintado B; Sanchez-Morgado J M; Whitelaw C B; Clark A
ΑU
    J; Enjuanes L
TI
    Transgenic mice secreting coronavirus neutralizing antibodies into the
    milk.
    Journal of virology, (1998 May) Vol. 72, No. 5, pp. 3762-72.
SO
    Journal code: 0113724. ISSN: 0022-538X.
    ANSWER 26 OF 61
L6
                       MEDLINE on STN
                                                      DUPLICATE 11
ΑU
    Whitelaw C B; Webster J
ΤĮ
    Temporal profiles of appearance of DNase I hypersensitive sites associated
    with the ovine beta-lactoglobulin gene
    differ in sheep and transgenic mice.
SO
    Molecular & general genetics : MGG, (1998 Apr) Vol. 257, No. 6, pp.
    649-54.
    Journal code: 0125036. ISSN: 0026-8925.
L6
    ANSWER 27 OF 61
                       MEDLINE on STN
                                                      DUPLICATE 12
    Langley B; Vilotte J L; Stinnakre M G; Whitelaw C B; L'Huillier P J
ΑU
TI
    Rescue of an MMTV transgene by co-integration reveals novel locus control
    properties of the ovine beta-lactoglobulin gene that confer locus
    commitment to heterogeneous tissues.
    Transgenic research, (1998 May) Vol. 7, No. 3, pp. 205-12.
SO
    Journal code: 9209120. ISSN: 0962-8819.
    ANSWER 28 OF 61
                        MEDLINE on STN
L6
                                                      DUPLICATE 13
    Hyttinen J M; Korhonen V P; Hiltunen M O; Myohanen S; Janne J
ΑU
    High-level expression of bovine beta-lactoglobulin
ΤI
    gene in transgenic mice.
SO
    Journal of biotechnology, (1998 May 13) Vol. 61, No. 3, pp. 191-8.
    Journal code: 8411927. ISSN: 0168-1656.
    ANSWER 29 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
L6
    Lagutin, Oleg V.; Dobrovolskij, Vasilij N.; Vinogradova, Tatyana V.;
IN
    Larionov, Oleg A.
    manufacture of human \gamma-interferons in the mammary gland of
ΤĮ
    transgenic animal using the promoter region of .
    beta.-lactoglobulin gene
SO
    Russ.
    From: Izobreteniya 1997, (20), 272.
    CODEN: RUXXE7
                               DATE APPLICATION NO.
                        KIND
    PATENT NO.
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PΙ

RU 2084526

C1

19970720

RU 1994-16134

19940429

- L6 ANSWER 30 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Barash, Itamar; Shani, Moshe; Nathan, Margaret; Hurwitz, David R.
- TI Target-specific protein production in transgenic mammals
- SO Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

	PAT	ENT	NO.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE	
		<del>-</del>					-											
PΙ	EP	7718	74			A2		1997	0507	:	EP 1	996-	1176	13		1	9961	104
	$\mathbf{EP}$	7718	74			<b>A</b> 3		1997	0827									
	ΕP	7718	74			B1		1998	0930									
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	AΤ	1717	24		•	Т		1998	1015		AT 1	996-	1176	13		19	9961	104

- L6 ANSWER 31 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- AU An, X. R.; Chen, D.; Gou, K. M.; Dai, Y. P.; Chen, Y. F.
- TI Expression of entire sheep .beta.-lactoglobulin gene in the mammary gland of transgenic mice
- SO Proceedings of International Conference on Animal Biotechnology, Beijing, June 11-14, 1997 (1997), 374-377. Editor(s): Li, Ning; Chen, Yongfu. Publisher: International Academic Publishers, Beijing, Peop. Rep. China. CODEN: 68CNAB
- L6 ANSWER 32 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- AU Ibanez, Elena; Folch, Josep M.; Vidal, Francesca; Coll, Agustina; Santalo, Josep; Egozcue, Josep; Sanchez, Armand
- TI Expression of caprine  $\beta$ -lactoglobulin in the milk of transgenic mice
- SO Transgenic Research (1997), 6(1), 69-74 CODEN: TRSEES; ISSN: 0962-8819
- L6 ANSWER 33 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- AU Yang, Guoqing; Dai, Yunping; Zhu, Baoli; Chen, Yongfu; Qi, Shunzhang
- TI Cloning of 5' regulatory element of bovine  $\beta$ -lactoglobulin gene and its utilization in generation of mammary bioreactors
- SO Science in China, Series C: Life Sciences (1996), 39(6), 662-669 CODEN: SCCLFO; ISSN: 1006-9305
- L6 ANSWER 34 OF 61 MEDLINE on STN DUPLICATE 14
- AU Donofrio G; Bignetti E; Clark A J; Whitelaw C B
- TI Comparable processing of beta-lactoglobulin pre-mRNA in cell culture and transgenic mouse models.
- SO Molecular & general genetics : MGG, (1996 Sep 25) Vol. 252, No. 4, pp. 465-9.
  Journal code: 0125036. ISSN: 0026-8925.
- L6 ANSWER 35 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- AU Kemp, Pauline A.; Jenkins, Nigel; Clark, A. John; Freedman, Robert B.
- TI The glycosylation of human recombinant alpha-1-antitrypsin expressed in transgenic mice
- SO Biochemical Society Transactions (1996), 24(3), 339S CODEN: BCSTB5; ISSN: 0300-5127
- L6 ANSWER 36 OF 61 MEDLINE on STN DUPLICATE 15
- AU Ilan N; Barash I; Faerman A; Shani M
- Dual regulation of beta-lactoglobulin/human serum albumin gene expression by the extracellular matrix in mammary cells from transgenic mice.
- SO Experimental cell research, (1996 Apr 10) Vol. 224, No. 1, pp. 28-38. Journal code: 0373226. ISSN: 0014-4827.
- L6 ANSWER 37 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Cottingham, Ian Robert; Garner, Ian
- TI Peptide production as fusion protein in transgenic mammal milk
- SO PCT Int. Appl., 26 pp.

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CODEN: PIXXD2
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                                       WO 1995-GB769
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                                          CA 1995-2187173
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    AU 707631
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    JP 10502243
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                              20010306
                                          US 1997-938595
                                                                19970925
L6
    ANSWER 38 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
    Colman, Alan; Wright, Gordon; Sawyer, Lindsay; Rigden, Daniel John
IN
    Modified \alpha-lactal bumins containing few or no phenylalanines for
TI
    dietary supplementation in hyperphenylalaninemia
SO
    PCT Int. Appl., 77 pp.
    CODEN: PIXXD2
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                       A1 19950126
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    WO 9502692
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                        A1
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    JP 09500273
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L6
    ANSWER 39 OF 61
                      MEDLINE on STN
                                                     DUPLICATE 16
    Streuli C H; Edwards G M; Delcommenne M; Whitelaw C B; Burdon T G;
ΑU
    Schindler C; Watson C J
TI
    Stat5 as a target for regulation by extracellular matrix.
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The Journal of biological chemistry, (1995 Sep 15) Vol. 270, No. 37, pp.

SO

21639-44.

Journal code: 2985121R. ISSN: 0021-9258.

- MEDLINE on STN **DUPLICATE 17** L6 ANSWER 40 OF 61
- Bortner D M; Rosenberg M P ΑIJ
- Overexpression of cyclin A in the mammary glands of transgenic mice ΤI results in the induction of nuclear abnormalities and increased apoptosis.
- SO Cell growth & differentiation : the molecular biology journal of the American Association for Cancer Research, (1995 Dec) Vol. 6, No. 12, pp. 1579-89.

Journal code: 9100024. ISSN: 1044-9523.

- ANSWER 41 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN L6
- Farini, Elena; Whitelaw, C. Bruce A. ΑU
- Ectopic expression of  $\beta$ -lactoglobulin transgenes TI
- SO Molecular & General Genetics (1995), 246(6), 734-8 CODEN: MGGEAE; ISSN: 0026-8925
- L6 ANSWER 42 OF 61 MEDLINE on STN **DUPLICATE 18**
- Baruch A; Shani M; Hurwitz D R; Barash I ΑU
- ΤI Developmental regulation of the ovine beta-lactoglobulin/human serum albumin transgene is distinct from that of the betalactoglobulin and the endogenous beta-casein genes in the mammary gland of transgenic mice.
- Developmental genetics, (1995) Vol. 16, No. 3, pp. 241-52. Journal code: 7909963. ISSN: 0192-253X. SO
- L6
- ANSWER 43 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN Barash, Itamar; Faerman, Alexander; Puzis, Raisa; Natan, Margaret; AU Hurwitz, David R.; Shani, Moshe
- Heterogeneous expression and synthesis of human serum albumin in the TI mammary gland of transgenic mice
- Intercellular Signalling in the Mammary Gland, [Proceedings of the Hannah SO Symposium on Intercellular Signalling in the Mammary Gland], Ayr, UK, Apr. 13-15, 1994 (1995), Meeting Date 1994, 171-2. Editor(s): Wilde, Colin J.; Peaker, Malcolm; Knight, Christopher H. Publisher: Plenum, New York, N. Y. CODEN: 61ZIAS
- 1.6 ANSWER 44 OF 61 MEDLINE on STN DUPLICATE 19
- Barash I; Faerman A; Ratovitsky T; Puzis R; Nathan M; Hurwitz D R; Shani M AII
- Ectopic expression of beta-lactoglobulin/human serum TΙ albumin fusion genes in transgenic mice: hormonal regulation and in situ localization.
- so Transgenic research, (1994 May) Vol. 3, No. 3, pp. 141-51. Journal code: 9209120. ISSN: 0962-8819.
- ANSWER 45 OF 61 MEDLINE on STN DUPLICATE 20 L<sub>6</sub>
- ΑU Barash I; Faerman A; Baruch A; Nathan M; Hurwitz D R; Shani M
- TΤ Synthesis and secretion of human serum albumin by mammary gland explants of virgin and lactating transgenic mice.
- SO Transgenic research, (1993 Sep) Vol. 2, No. 5, pp. 266-76. Journal code: 9209120. ISSN: 0962-8819.
- ANSWER 46 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 21 L6
- ΑU Barash, Itamar; Baruch, Ariela; Nathan, Margaret; Shani, Moshe; Hurwitz, David R.
- TI HSA production by mammary explants of virgin transgenic mice: a reliable tool for predicting levels of secretion into milk
- so Animal Biotechnology (1993), 4(2), 203-15 CODEN: ANBTEN; ISSN: 1049-5398
- ANSWER 47 OF 61 MEDLINE on STN **DUPLICATE 22** L6
- Dobrovolsky V N; Lagutin O V; Vinogradova T V; Frolova I S; Kuznetsov V P; ΑU Larionov O A

- TI Human gamma-interferon expression in the mammary gland of transgenic mice.
- SO FEBS letters, (1993 Mar 15) Vol. 319, No. 1-2, pp. 181-4. Journal code: 0155157. ISSN: 0014-5793.
- L6 ANSWER 48 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- IN Clark, Anthony John
- TI Increasing gene expression by a second transferred sequence in transgenic organisms
- SO PCT Int. Appl., 53 pp.

CODEN: PIXXD2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9211358	Al	19920709	WO 1991-GB2318	19911224
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	AU 9191391	Α	19920722	AU 1991-91391	19911224
	AU 661290	B2	19950720		
	EP 566596	A1	19931027	EP 1992-901696	19911224
	R: AT, BE, CH,	DE, DK	, ES, FR, GB	, GR, IT, LI, LU, MC,	NL, SE
	JP 06508261	T	19940922	JP 1991-502156	19911224
	US 5714345	А	19980203	US 1995-472737	19950606

- L6 ANSWER 49 OF 61 CAPLUS COPYRIGHT 2007 ACS on STN
- AU Clark, A. J.; Cowper, A.; Wallace, R.; Wright, G.; Simons, J. P.
- TI Rescuing transgene expression by co-integration
- SO Bio/Technology (1992), 10(11), 1450-4 CODEN: BTCHDA; ISSN: 0733-222X
- L6 ANSWER 50 OF 61 MEDLINE on STN

DUPLICATE 23

- AU Wilde C J; Clark A J; Kerr M A; Knight C H; McClenaghan M; Simons J P
- TI Mammary development and milk secretion in transgenic mice expressing the sheep beta-lactoglobulin gene.
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<u>L6</u>	14 and 13	0	<u>L6</u> .
<u>L5</u>	L1 WITH L2	50	<u>L5</u>
<u>L4</u>	L1 AND L2	240	<u>L4</u>
<u>L3</u>	EQKLISEEDL	323	<u>L3</u>
<u>L2</u>	(dna or gene or polynucleotide or nucleic adj acid or vector or cdna)near7 beta-lactoglobulin	242	<u>L2</u>
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